

Please amend the present application as follows:

Claims

The following is a copy of Applicant's claims that identifies language being added with underlining ("____") and language being deleted with strikethrough ("———") or brackets ("[[]]"), as is applicable:

1. (Currently amended) A method for scanning media, the method comprising:

preview scanning a platen using a dedicated preview image sensor; and
pre-processing image data obtained through the preview scanning of the platen to automatically determine settings to apply during a subsequent final scan; and
final scanning the media at a relatively high resolution using a high-resolution image sensor that is separate from the dedicated preview image sensor.

2. (Currently amended) The method of claim 1, wherein preview scanning a platen comprises scanning ~~the platen using a dedicated preview image sensor having~~ using the dedicated preview image sensor at a resolution of approximately 30-150 pixels per inch (ppi).

3. (Currently amended) The method of claim 1, wherein ~~scanning comprises scanning the platen using a~~ the dedicated preview image sensor that is fixed within a scanning unit of an imaging device.

4. (Original) The method of claim 1, wherein scanning a platen comprises capturing an image of the entire media using the dedicated preview image sensor instantaneously.

5. (Original) The method of claim 1, wherein pre-processing comprises at least one of performing automatic copy type detection, automatic document size detection, automatic skew detection, zoning analysis, background/foreground determination, document classification, template matching, and an ink requirement estimate.

6. (Canceled)

7. (Currently amended) The method of claim ~~6~~ 1, wherein final scanning the media ~~at a relatively high resolution~~ comprises scanning the media using at least one setting that was determined through the pre-processing.

8-16. (Canceled)

17. (Currently amended) A scanning unit for use in an imaging device, comprising:

a dedicated preview scanning module comprising a first image sensor having a first resolution;

a final scanning module comprising a second image sensor having a second resolution that is higher than the first resolution; and

an image processor that is configured to perform a preview scan using the dedicated preview scanning module, to pre-process image data collected by the dedicated preview scanning module during the preview scan, to determine settings to be used to operate the final scanning module during a final scan, and to perform the final scan using the final scanning module relative to the determined settings.

18. (Original) The scanning unit of claim 17, wherein the dedicated preview scanning module is fixed within the scanning unit so as not to be movable within the unit.

19. (Original) The scanning unit of claim 17, wherein the dedicated scanning module is displaceable to facilitate scanning.

20. (Original) The scanning unit of claim 17, further comprising a platen on which media may be placed, wherein the dedicated preview scanning module is positioned directly opposite the platen such that the first image sensor directly faces the platen.

21. (Original) The scanning unit of claim 17, further comprising a platen on which media may be placed, wherein the dedicated preview scanning module is positioned at an angle relative to the platen such that the first image sensor does not directly face the platen.

22. (Original) The scanning unit of claim 17, wherein the dedicated preview scanning module further comprises a wide angle lens.

23. (Original) The scanning unit of claim 17, wherein the image processor comprises at least one processing algorithm and a buffer.

24. (Original) The scanning unit of claim 17, further comprising a light source that is configured to facilitate delivery of reflected light to the first image sensor of the dedicated preview scanning module.

25. (Original) The scanning unit of claim 24, further comprising a reflector that is configured to facilitate delivery of reflected light to the first image sensor of the dedicated preview scanning module.

26. (Currently amended) The scanning unit of claim 17, wherein first image sensor has a resolution of approximately ~~75~~ 30-150 points per inch (ppi) and the second image sensor has a resolution of approximately 600-1200 ppi.

27. (Currently amended) An imaging device, comprising:

a scanning unit including a dedicated preview scanning module comprising a first image sensor having a first resolution, a final scanning module comprising a second image sensor having a second resolution that is higher than the first resolution, and an image processor that is configured to perform a preview scan using the dedicated preview scanning module, to pre-process image data collected by the dedicated preview scanning module during the preview scan, to determine settings to be used to operate the final scanning module, and to perform the final scan using the final scanning module relative to the determined settings; and

a printing module that is configured to generate hard copy documents from received image data.

28. (Original) The imaging device of claim 27, wherein the dedicated preview scanning module comprises a low-resolution image sensor.

29. (Currently amended) The scanning unit of claim 28, wherein low-resolution image sensor has a resolution of approximately ~~75~~ 30-150 points per inch (ppi).

30. (Original) The imaging device of claim 28, wherein the dedicated preview scanning module is fixed within the scanning unit.

31. (Original) The imaging device of claim 27, wherein the final scanning module comprises a high-resolution image sensor.

32. (Currently amended) The imaging device of claim 31, wherein the high-resolution image sensor has a resolution of approximately 600-1200 points per inch (ppi).

33. (Original) The imaging device of claim 27, further comprising a platen on which media may be placed, wherein the dedicated preview scanning module is positioned directly opposite the platen such an image sensor of the dedicated preview scanning module directly faces the platen.

34. (Original) The imaging device of claim 27, further comprising a platen on which media may be placed, wherein the dedicated preview scanning module is positioned at an angle relative to the platen such that an image sensor of the dedicated preview scanning module does not directly face the platen.